

What Is Claimed Is:

1. A radio communication apparatus, comprising:

(1) a transmission section for transmitting an information signal; and

(2) a reception section for receiving the information signal transmitted from said transmission section;

said transmission section and said reception section being attachable to each other and being detachable from each other;

said transmission section including (i) a transmitter for modulating the information signal to generate a high frequency signal, (ii) a transmission antenna for wirelessly transmitting the high frequency signal, and (iii) an output terminal for outputting the information signal to said reception section via a non-wireless coupling;

said reception section including (i) a reception antenna for receiving the high frequency signal transmitted from said transmission antenna, (ii) a receiver for demodulating the high frequency signal received by said reception antenna to generate an information signal, and (iii) an input terminal to which the information signal outputted from said output terminal of said transmission section is inputted;

at least one of said transmission section and said reception section including (i) a sensor for sensing an attached condition between said transmission section and said reception section, and (ii) a switch for selectively switching, in accordance with the sensed condition, between wireless transmission and non-wireless transmission when communicating said information signal from said transmission section to said reception section.

2. A radio communication apparatus according to claim 1, wherein said output

terminal of said transmission section outputs the high frequency signal, and said input terminal of said reception section receives the high frequency signal outputted from said output terminal of said transmission section.

3. A radio communication apparatus according to claim 1, wherein said transmission section further includes a recorder/reproducer for recording and/or reproducing image information and/or sound information onto and/or from an information recording medium, and transmits the image information and/or sound information to said reception section as at least a portion of the information signal, and said reception section further includes a reproducer for reproducing the image information and/or sound information included in the received information signal.

4. A radio communication apparatus according to claim 1, wherein said transmission section further includes a receiver for receiving image information and/or sound information transmitted from a transmitting station and transmits the image information and/or sound information to said reception section as at least a portion of the information signal, and said reception section further includes a reproducer for reproducing the image information and/or sound information included in the received information signal.

5. A radio communication method, comprising the steps of:

(1) sensing an attached condition between a transmission section and a reception section, said transmission section and said reception section being attachable to each other and being detachable from each other; and

(2) switching, in accordance with the sensed condition, between wireless transmission of an information signal from said transmission section to said reception

section and non-wireless transmission of said information signal from said transmission section to said reception section;

wherein communicating said information signal from said transmission section to said reception section via wireless transmission includes (i) modulating said information signal to generate a high frequency signal, (ii) passing said high frequency signal to an antenna for transmission, (iii) receiving said high frequency signal at said reception section, and (iv) demodulating said high frequency signal at said reception section to recover said information signal; and

wherein communicating said information signal from said transmission section to said reception section via non-wireless transmission includes (i) outputting said information signal via a non-wireless terminal of said transmission section, and (ii) receiving said information signal via a non-wireless terminal of said reception section.

6. A radio communication method according to claim 1, wherein said non-wireless terminal of said transmission section outputs the high frequency signal, and said non-wireless terminal of said reception section receives the high frequency signal outputted from said non-wireless terminal of said transmission section.

7. A radio communication method according to claim 1, further comprising the steps of:

(i) recording and/or reproducing, at said transmission section, image information and/or sound information onto and/or from an information recording medium;

(ii) including said image information and/or sound information in said information signal transmitted from said transmission section to said reception section; and

(iii) reproducing, at said reception section, said image information and/or sound information included in said received information signal.

8. A radio communication method according to claim 1, further comprising the steps of:

(i) receiving, at said transmission section, image information and/or sound information transmitted from a transmitting station;

(ii) including said image information and/or sound information in said information signal transmitted from said transmission section to said reception section; and

(iii) reproducing, at said reception section, said image information and/or sound information included in said received information signal.